



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 844L AH 1DW844LAEML712419

Component
Brake

Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0202816	JR0181618	JR0168031
Sample Date		Client Info		09 Feb 2024	01 Aug 2023	12 Apr 2023
Machine Age	hrs	Client Info		8036	6079	5059
Oil Age	hrs	Client Info		1957	486	3567
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		None	N/A	N/A
Sample Status				NORMAL	NORMAL	SEVERE

WEAR

All component wear rates are normal.

PQ		ASTM D8184		29	34	▲ 75
Iron	ppm	ASTM D5185m	>350	74	106	▲ 391
Chromium	ppm	ASTM D5185m	>5	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	2
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>8	1	2	<1
Lead	ppm	ASTM D5185m	>10	0	4	▲ 18
Copper	ppm	ASTM D5185m	>150	6	<1	4
Tin	ppm	ASTM D5185m	>5	0	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

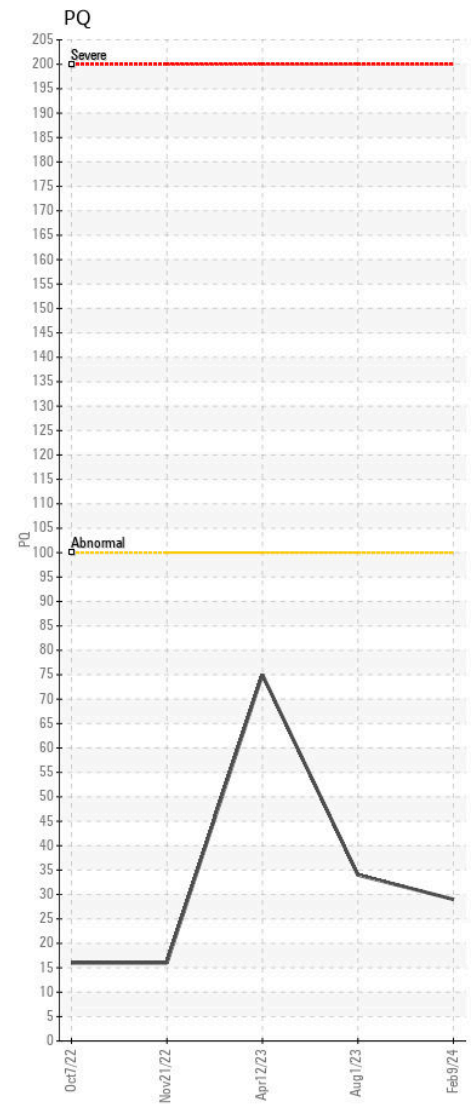
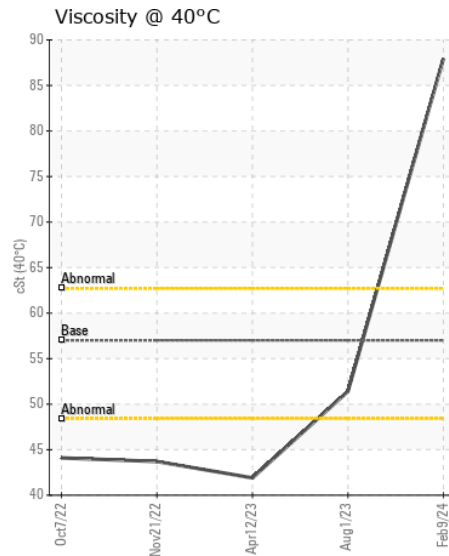
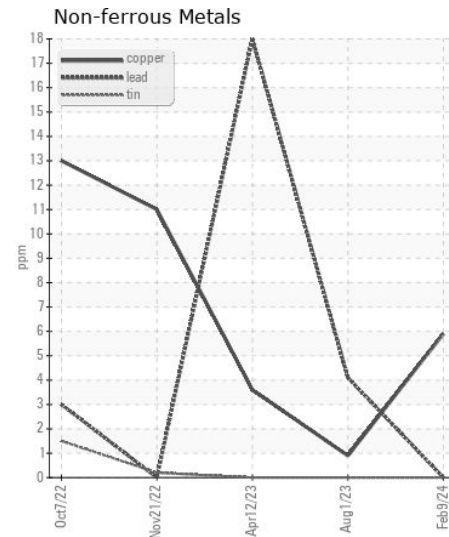
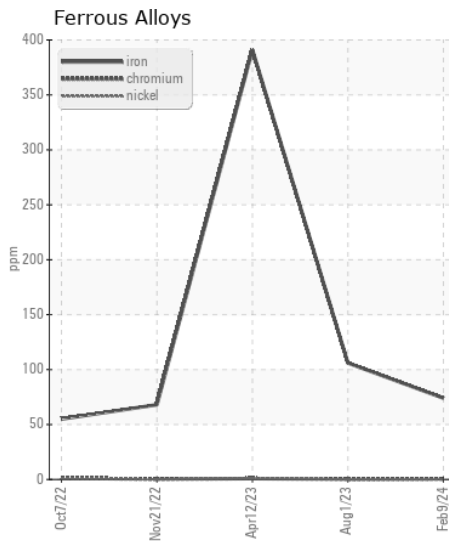
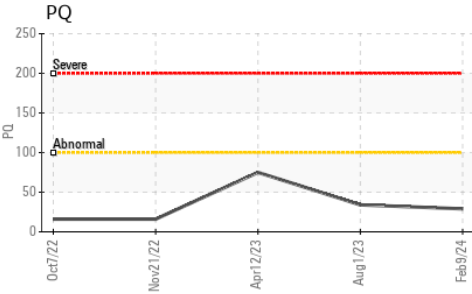
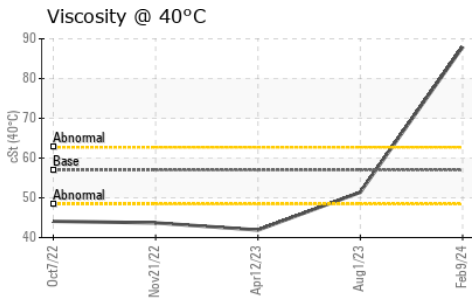
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>400	10	195	● 689
Potassium	ppm	ASTM D5185m	>20	2	0	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	MODER	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		2	4	9
Boron	ppm	ASTM D5185m	6	5	33	66
Barium	ppm	ASTM D5185m	0	11	0	0
Molybdenum	ppm	ASTM D5185m	0	3	78	378
Manganese	ppm	ASTM D5185m		<1	1	4
Magnesium	ppm	ASTM D5185m	145	39	201	525
Calcium	ppm	ASTM D5185m	3570	2417	2713	1545
Phosphorus	ppm	ASTM D5185m	1290	777	895	809
Zinc	ppm	ASTM D5185m	1640	919	1058	919
Sulfur	ppm	ASTM D5185m		3192	3912	2269
Visc @ 40°C	cSt	ASTM D445	57.0	87.95	51.4	41.9



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0202816 **Received** : 13 Feb 2024
Lab Number : 06087665 **Tested** : 16 Feb 2024
Unique Number : 10875110 **Diagnosed** : 16 Feb 2024 - Jonathan Hester
Test Package : CONST (Additional Tests: PQ)

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To discuss this sample report, contact Customer Service at 1-800-237-1369.
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)